

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10524793
Filing Date		2005-10-20
First Named Inventor	Kenneth Evans	
Art Unit	4743 1797	
Examiner Name	Maurice Wollenhorst Rebecca Fritchman	
Attorney Docket Number	XY-Hypodermic-USNP	

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	5	20070026379	A1	2007-02-01	Seidel et al.		

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/R.F./	2	Auchtung, T.L., et al., Effects of Photoperiod During the Dry Period on Prolactin, Prolactin Receptor, and Milk Production of Dairy Cows; Journal of Dairy Sci. 88: 121-127; American Dairy Sci. Assoc., 2005.	<input type="checkbox"/>
	3	Bailey, T. et al., Milk Production Evaluation In First Lactation Heifers; 1999 Virginia Cooperation Extension/Dairy Science Publication 404-285	<input type="checkbox"/>
	4	Belloin, J.C., Milk and Dairy products: prduction and processing costs Food and Agriculture Organization of United Nations Rome 1988 FAO; web page where found: www.fao.org/docrep/003/x6931e/X6931E00.htm	<input type="checkbox"/>
	5	Kume, Shin-ichi; Dept of Animal Nutrition National Institute of Animal Industry Tsukuba 305, Japan THE DAIRY INDUSTRY \$IN ASIA B. JAPAN; www.agnet.org/library/article/eb384b.html	<input type="checkbox"/>
	6	Lopez, H. et al., Relationship Between Level of Milk Production and Multiple Ovulation in Lactating Dairy Cows Journal of Dairy Sci. 88:2783-2793; American Dairy Science Association, 2005.	<input type="checkbox"/>
	7	Managing the Dairy Cow During the Dry Period; Dairy Cattle Production 341-450A; Macdonald Campus of McGill University/Faculty of Agricultural & Environmental Sciences/Department of Animal Science	<input type="checkbox"/>
	8	Milk Production and Biosynthesis University of Guelph/Dairy Science and Technology (1998) www.foodsci.uoguelph.ca/dairyedu/biosyntheses.html	<input type="checkbox"/>
	9	Milk Production, Released 7-18-2006, by the National Agricultural Statistics Service (NASS), Agri. Stats. Board, US Dept of Agri.	<input type="checkbox"/>
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	11	Garner, D.L. et al., Viability Assessment of Mammalian Sperm Using SYBR-14 and Propidium Iodide, 1996, Biology of Reproduction, Vol.53, pp 276-284	<input type="checkbox"/>
↓	12	Salisbury, G.W. et al., Substrate-Free Epididymal-Like Bovine Spermatozoa, J Repord Fertil, 1963, Vol. 6, pp. 351-359	<input type="checkbox"/>

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/R.F./	13	Wong, P.Y.D., et al. Potassium Movement During sodium-Induced Motility Initiation in the Rat Caudal Epididymal Spermatozoa; Biology of Reproduction 28, 206-212 (1983)	<input type="checkbox"/>
	14	Shirai, H., et al. Regulation of Sperm Motility in Starfish; Development, Growth, and Differentiation; 24, (5), 419-428 (1982)	<input type="checkbox"/>
	15	Padilla, A.W. et al. Extender and Centrifugation Effects on the Motility Patterns of Slow-Cooled Stallion Spermatozoa; J. Anim. Sci 1991, 69:3308-3313	<input type="checkbox"/>
	16	Ohta H., et al., Acquisition and Loss of Potential for Motility Of spermatozoa of the Japanese Eel Anguilla Japonica, National Research Institute of Aquaculture, UNJR Aquiculture; 28th Panel Proceedings (1999)	<input type="checkbox"/>
	17	Morisawa, M. The Process of the Initiation of Sperm Motility; Laboratory of Physiology, Ocean Research Institute, University of Tokyo (1986)	<input type="checkbox"/>
	18	McGrady, A.V., et al. Cholinergic Effects on Bull and Chimpanzee Sperm Motility; Biology of Reproduction 15, 248-253 (1976)	<input type="checkbox"/>
	19	Klinc, P. Dissertation - Improved Fertility of Flowcytometrically Sex Selected Bull Spermatozoa , School of Veterinary Medicine Hanover Germany, 2005	<input type="checkbox"/>
	20	Jones, J.M. et al Acidification of Intracellular pH in Bovine Spermatozoa Suppresses Motility and Extends Viable Life, Journal of Andrology, Vol. 21, No. 5, September/October 616-624	<input type="checkbox"/>
	21	Jenkins, A. D., et al. Concentrations of Seven Elements in the Intraluminal Fluids of the Rat Seminiferous Tubules, Rete Testis, and Epididymis; Biology of Reproduction 23, 981-987 (1980)	<input type="checkbox"/>
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/R.F./	24	Babcock, D. F., et al. Potassium-dependent increases in cytosolic pH stimulate metabolism and motility of mammalian sperm, Proc. Natl. Acad. Sci. USA, Vol. 80, pp. 1327-1331, March 1983	<input type="checkbox"/>
	25	Zilli, L., et al. Adenosine Triphosphate Concentration and β -D-Glucuronidase Activity as Indicators of Sea Bass Semen Quality; Biology of Reproduction 70,1679-1684 (2004) Published online before print 11 February 2004.	<input type="checkbox"/>
	26	Hanania, E. G, et al. A novel Automated Method of Scanning Cytometry and Laser-Induced Necrosis Applied to Tumor Cell Purging, Blood. 15 November 1999, Vol. 94, No. 10, suppl 1 part 1	<input type="checkbox"/>
	27	Purdy, P. H. et al., Effect of Adding Cholesterol to Bull Sperm Membranes on Sperm Capacitation, the Acrosome Reaction, and Fertility, Biology of Reproduction 71, 522-527 (2004)	<input type="checkbox"/>
	28	Purdy, P. H. et al., Effect of cholesterol-loaded cyclodextrin on the cryosurvival of bull sperm, Cryobiology 48 (2004) 36-45	<input type="checkbox"/>
	29	Moce E., et al., Cholesterol-loaded cyclodextrins added to fresh bull ejaculates improve sperm cryosurvival, J. Anim. Sci, 2006, 84:826-833	<input type="checkbox"/>
	30	Ereth, B.A., et al. Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers; Proceedings, Western Section, American Society of Animal Science, Vol. 51,441-443, June 2000	<input type="checkbox"/>
	31	Ereth, B.A., et al. Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers; Abstract Only, Journal of Animal Science, Vol. 78, Supplement 2, 2000	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Nicole A. Ressue/	Date (YYYY-MM-DD)	2007-02-26
Name/Print	Nicole A. Ressue	Registration Number	48665

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